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INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

S-E-C-R-E-T

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COUNTRY	East Germany	REPORT	
SUBJECT	Proposed 1959 Research Program of the Nuclear Physics Institute of the German Academy of Sciences, Zeuthen-Miersdorf	DATE DISTR.	10 SEP 1958
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1. The proposed 1959 research program of the Nuclear Physics Institute (Kernphysikalisches Institut) of the German Academy of Sciences (Deutsche Akademie der Wissenschaften), Zeuthen-Miersdorf (the Miersdorf Institute), included the following projects:

Project Number	Suggested Allotment(DME)	Description of Project	Responsible Scientist(s)
9 - 1/7	140,000	Experiments on synthetic radioactive nucleii with the aid of power measurements of the gamma and beta rays, gamma-gamma and beta-gamma coincidents, and angle correlations	Dr. /Michael/ von der Schulenburg and Prof. Dr. /Gustav/ Richter
9 - 3/7	110,000	Experiments on nuclear reactions, possibly for separated isotopes	Dr. /Fritz/ Bernhard Prof. Dr. Richter
9 - 4/7	100,000	Physical-technical development of 2 MV installation	Dr. Bernhard
9 - 5/7	70,000	Theoretical nuclear physics	Dr. /Detlof/ Lyons
9 - 6/6	180,000	Development and construction of special measuring and recording devices for nuclear physics experiments	/Leo/ Senzky
9 - 7/6	50,000	Development of mass spectrometer	Dipl. Phys. /Karl Heinz/ Krebs
9 - 8/6	90,000	Experiments on the enrichment of stabile isotopes on electro-magnetic paths	Dr. Bernhard

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Project Number	Suggested Allotment(DME)	Description of Project	Responsible Scientist(s)
9 - 9/6	150,000	Experiments on nuclear reactions at highest energy	Dr. /Karl/ Lanius
9 - 10/6	50,000	Experiments with cloud chambers in the field of beta and gamma spectroscopy	Dr. /Ludwig/ Meyer
9 - 11/6	60,000	Development of chemical, micro-chemical and radiochemical separating methods for nuclear physics (and analytic chemistry) experiments	Dr. /Rolf/ Dreyer
9 - 12/6	210,000	Development of a Van de Graaff generator for 4-5 MV	Dr. /Walter Otto/ Baier
9 - 17/6	30,000	Theoretic and experimental research in neutron diffusion, especially in the area of boundary surfaces; continuation of the measurements at the Rossendorf reactor which were made in Zeuthen with a 500 mC neutron source, especially measurements of the neutron density in the vicinity of the boundaries of the moderator (water, paraffin, graphite)	/Martin/ Richter

Total Suggested Allotment: 1,240,000 DME

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